Amendments to the Claims:

Please cancel claim 22.

Please amend claims 11 and 20 as follows.

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Claims 1-10 (Canceled)

Claim 11 (Currently Amended) A system for denaturing a cornea, comprising:

a ground element;

a probe which has a tip that extends from a stop, said stop~~has a stop that~~ limits a penetration depth of said tip into the cornea; and,

a power supply which provides a current that flows to said probe and to said ground element, the current having a damped waveform frequency between 5KHz to 50 MHz and a repetition rate between 4KHz and 12KHz.

Claim 12 (Canceled)

Claim 13 (Previously Presented) The system as recited in claim 11, wherein said tip has a length between 300 and 600 microns.

Claim 14 (Previously Presented) The system as recited claim 11, wherein said probe includes a handle, a first connector attached to said handle, and a second connector that mates with said first connecter.

Claim 15 (Canceled)

Claim 16 (Previously Presented) The system as recited in claim 14, wherein said tip is located at a distal end of a spring beam.

Claim 17 (Canceled)

Claim 18 (Previously Presented) The system as recited in claim 11, wherein said power supply provides no more than 1.2 watts of power for a time duration no greater than 1 second.

Claim 19 (Canceled)

Claim 20 (Currently Amended) A method for reshaping a cornea of a patient, comprising:

grounding the patient with a ground element;

inserting a tip into a cornea until a stop engages the cornea to limit a penetration depth of the tip~~placing a probe in contact with~~ the cornea;

transmitting a current to the probe that flows through the cornea and back through the ground element, the current having a damped waveform, a frequency between 5KHz and 50MHz, and a repetition rate between 4KHz and 12KHz.

Claim 21 (Previously Presented) The method of claim 20, wherein the current is transmitted at a power no greater than 1.2 watts for a time duration no greater than 1.0 second.

Claim 22 (Cancelled)

Claim 23 (Previously Presented) The method of claim 20, wherein the probe is placed in a circular pattern about the cornea.